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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/759,761	01/16/2004	Stan Cheng		8366

7590 08/02/2007  
STAN CHENG  
3F, NO. 16 LANE, SEC 2 FU-HSIN S. RD  
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EXAMINER

MOON, SEOKYUN

ART UNIT PAPER NUMBER

2629

MAIL DATE DELIVERY MODE

08/02/2007

PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

<b>Office Action Summary</b>	<b>Application No.</b> 10/759,761	<b>Applicant(s)</b> CHENG, STAN	
	<b>Examiner</b> Seokyun Moon	<b>Art Unit</b> 2629	

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --**  
**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

#### Status

- 1) ☒ Responsive to communication(s) filed on 16 January 2004.
- 2a) ☐ This action is **FINAL**.                      2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

#### Disposition of Claims

- 4) ☒ Claim(s) 1-7 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-7 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

#### Application Papers

- 9) ☒ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 16 January 2004 is/are: a) ☐ accepted or b) ☒ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

#### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All    b) ☐ Some \*    c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.

#### Attachment(s)

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)                                | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                       | 5) <input type="checkbox"/> Notice of Informal Patent Application                       |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)<br>Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____  |

## DETAILED ACTION

### *Priority*

1. Receipt is acknowledged of papers filed under 35 U.S.C. 119 (a)-(d) based on a document filed on August 23, 2004. The Applicants have not complied with the requirements of 37 CFR 1.63(c), since the oath, declaration or application data sheet does not acknowledge the filing of any foreign application. A new oath, declaration or application data sheet is required in the body of which the present application should be identified by application number and filing date.

### *Specification*

2. Specification is objected to as being unclear and indefinite regarding explanation of the figures of the current Application.

In the specification of the current Application, the components 1 and 11 of fig. 1 are defined as different terms. For example, in paragraph [0009], the component 1 is referred as "*display panel 1*" and "*computer 1*". Also, in paragraph [0009], the component 11 is referred as "*front panel 11*" while, in paragraph [0011], the component 11 is referred as "*motherboard 11*".

Examiner respectfully requests the Applicants to amend the specification of the Application so that each component of the figures is referred as a single term.

Appropriate corrections are required.

### *Drawings*

3. The drawings are objected to under 37 CFR 1.83(a). The drawings must show every feature of the invention specified in the claims. Therefore, the limitation of claim 4, "*the processor is further*

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coupled to one or more remote computer systems for receiving secondary information therefrom", must be shown or the feature(s) canceled from the claim(s). No new matter should be entered.

Corrected drawing sheets in compliance with 37 CFR 1.121(d) are required in reply to the Office action to avoid abandonment of the application. Any amended replacement drawing sheet should include all of the figures appearing on the immediate prior version of the sheet, even if only one figure is being amended. The figure or figure number of an amended drawing should not be labeled as "amended." If a drawing figure is to be canceled, the appropriate figure must be removed from the replacement sheet, and where necessary, the remaining figures must be renumbered and appropriate changes made to the brief description of the several views of the drawings for consistency. Additional replacement sheets may be necessary to show the renumbering of the remaining figures. Each drawing sheet submitted after the filing date of an application must be labeled in the top margin as either "Replacement Sheet" or "New Sheet" pursuant to 37 CFR 1.121(d). If the changes are not accepted by the examiner, the applicant will be notified and informed of any required corrective action in the next Office action. The objection to the drawings will not be held in abeyance.

#### ***Claim Objections***

4. **Claim 5** is objected to because of the following informalities: "*the secondary information*".

Claim 1 on which claim 5 depends does not disclose "*secondary information*".

For further examination purpose, the claim limitation, "*The display panel of claim 1*" will be interpreted as "*The display panel of claim 4*".

Appropriate correction is required.

#### ***Claim Rejections - 35 USC § 112***

5. The following is a quotation of the first paragraph of 35 U.S.C. 112:

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The specification shall contain a written description of the invention, and of the manner and process of making and using it, in such full, clear, concise, and exact terms as to enable any person skilled in the art to which it pertains, or with which it is most nearly connected, to make and use the same and shall set forth the best mode contemplated by the inventor of carrying out his invention.

6. **Claims 1-7** are rejected under 35 U.S.C. 112, first paragraph, as failing to comply with the enablement requirement. The claim(s) contains subject matter which was not described in the specification in such a way as to enable one skilled in the art to which it pertains, or with which it is most nearly connected, to make and/or use the invention.

As to **claim 1**, the claim discloses that a computer information display panel comprises a USB interface, a processor, a display unit, and a clock unit.

However, according to figure 1 of the current Application, the computer information display panel does not comprise the processor and the clock unit.

As best understood by the Examiner, the claim limitation, "*the display panel comprising:*", will be interpreted as, "*the computer comprising:*" for further examination purpose.

Appropriate correction is required.

As to **claims 2-7**, the claims are rejected as being dependent upon a base claim rejected under 35 U.S.C. 112, first paragraph.

***Claim Rejections - 35 USC § 103***

7. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

8. **Claims 1-3 and 6-7** are rejected under 35 U.S.C. 103(a) as being unpatentable over Mclarty (US 7,034,777) in view of Numano (US 2003/0061410).

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As to **claim 1**, Mclarty teaches a computer information display panel ("*peripheral monitor 20*") [fig. 2] for displaying information on a computer (a combination of "*computer 12*" and "*peripheral monitor 20*"), the computer comprising:

a USB interface ("*USB interfaces 22 and 36*");

a processor ("*micro-processor 24*") configured to output information when the computer is powered on [col. 2 lines 45-46];

a display unit (a display panel of the "*peripheral monitor 20*") coupled to the processor via the USB interface ("*USB interface 36*"), the display unit configured to display the information [col. 1 lines 60-64]; and

a clock unit (the means for generating signals for the "*alarm clock*") [col. 1 line 64] coupled to the display unit and the display unit displaying the time information [col. 1 lines 62-64].

Mclarty does not expressly disclose the information being operational information about the computer system.

However, Examiner takes official notice that it is well known in the art to display operational information of a computer such as CPU usage, memory usage, hard disk usage, I/O configuration, and etc.. on a display connected to the computer (ex. Windows' Utility Manager).

Therefore, it would have been obvious to one of ordinary skill in the art at the time of the invention to modify the computer of Mclarty to display computer operational information on the display, in order to allow the device-user of the computer to observe and to check the operating status/condition of the computer.

Mclarty as modified above does not teach the clock unit being powered separately from the computer to provide time information to the display unit when the computer is powered down.

However, Numano teaches a clock unit ("*RTC 206a*") [fig. 2] coupled to a display unit of a computer, the clock unit being powered separately from the computer to provide time information to the

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display unit when the computer is powered down [par. (0025) lines 12-13], the display unit displaying the time information.

It would have been obvious to one of ordinary skill in the art at the time of the invention to modify the computer of Mclarty as modified above to include a battery and to use the battery as a power source for the clock unit, as taught by Numano, in order to allow the display panel of Mclarty to display the clock even when the computer is powered down.

As to **claim 2**, Mclarty as modified above teaches the clock unit including an alarm function [Mclarty: col. 1 lines 62-64].

As to **claim 3**, Mclarty as modified above teaches the processor being a central processing unit (Mclarty: "*micro-processor 24*") [Mclarty: fig. 2] of a computer.

Mclarty as modified above inherently teaches that the processor computes the operation information (I/O configuration) by communicating with the BIOS since it is required for the processor of Mclarty as modified above to retrieve information about I/O modules from the BIOS in order to display the configurations of the I/O modules.

As to **claim 6**, Mclarty as modified above does not teach the display unit being selected from a group consisting of an LCD and an LED display.

However, Examiner takes official notice that it is well known in the art to use a LCD as a computer display.

Therefore, it would have been obvious to one of ordinary skill in the art at the time of the invention to specify the display of Mclarty as modified above being a LCD since LCD is well known for high contrast ratio and light weight.

As to **claim 7**, Mclarty as modified above teaches the operational information including information selected from a group consisting of computer model, status information on the BIOS (I/O configuration), CPU clock rate, operating temperature, and hard disk data.

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9. **Claims 4 and 5** are rejected under 35 U.S.C. 103(a) as being unpatentable over Mclarty and Numano as applied to claims 1-3 and 6-7 above, and further in view of Shin et al. (US 6,907,418).

Mclarty as modified above teaches the processor (Mclarty: “*microprocessor 24*”) [Mclarty: fig. 2] configured to communicate information to the display unit (Mclarty: the display panel of the “*peripheral monitor 20*”).

Mclarty as modified above does not teach the processor being coupled to one or more remote computer systems for receiving advertising information therefrom.

However, Shin [fig. 2] teaches an advertisement servicing system comprising a server (“*advertising server 42*”) and a plurality of computers (“*user computers*”) coupled to the server, wherein the plurality of computers receives advertising information from the server [col. 2 lines 10-18].

It would have been obvious to one of ordinary skill in the art at the time of the invention to modify the computer of Mclarty as modified above to be coupled to a remote computer such as a server and to receive advertisement information from the remote computer, as taught by Shin, in order to allow the device-user of the computer of Mclarty to identify the server sending the advertisement information and, thus to selectively see the advertisement information [col. 2 lines 9-18].

### ***Conclusion***

10. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Seokyun Moon whose telephone number is (571) 272-5552. The examiner can normally be reached on Mon - Fri (8:30 a.m. - 5:00 p.m.).

If attempts to reach the examiner by telephone are unsuccessful, the examiner’s supervisor, Sumati Lefkowitz can be reached on (572) 272-3638. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

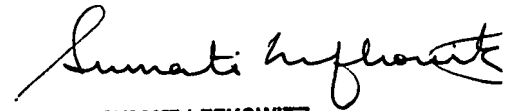


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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000

July 26, 2007

- s.m.

A handwritten signature in black ink, appearing to read "Sumati Lefkowitz", is written over a printed name and title.

SUMATI LEFKOWITZ  
SUPERVISORY PATENT EXAMINER

<b>Notice of References Cited</b>	Application/Control No. 10/759,761	Applicant(s)/Patent Under Reexamination CHENG, STAN	
	Examiner Seokyun Moon	Art Unit 2629	Page 1 of 1

**U.S. PATENT DOCUMENTS**

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
*	A	US-7,034,777	04-2006	McLarty et al.	345/2.2
*	B	US-2003/0061410	03-2003	Numano et al.	710/10
*	C	US-6,907,418	06-2005	Shin et al.	709/206
	D	US-			
	E	US-			
	F	US-			
	G	US-			
	H	US-			
	I	US-			
	J	US-			
	K	US-			
	L	US-			
	M	US-			

**FOREIGN PATENT DOCUMENTS**

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	Classification
	N					
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	P					
	Q					
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	S					
	T					

**NON-PATENT DOCUMENTS**

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
	U	
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	X	

\*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)  
Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.

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